Most Frequently Occurring Classifications of Patents Returned
From A Search of 09651901 on May 31, 2005

Original Classifications
```
4  705/51
3  713/168
3  713/176
2  358/1.18
2  382/100
2  705/1
2  705/53
2  705/59
2  713/167
```

Cross-Reference Classifications
```
5  705/26
5  705/51
5  705/57
4  705/1
4  705/53
4  713/176
4  713/200
3  380/30
3  705/56
3  705/75
3  713/162
3  713/182
3  713/193
2  235/380
2  380/201
2  380/28
2  705/27
2  705/37
2  705/50
2  705/52
2  705/54
2  705/59
2  705/78
2  705/80
2  713/164
2  713/165
2  713/181
2  713/201
```

Combined Classifications
```
9  705/51
7  713/176
6  705/1
6  705/53
6  705/57
5  705/26
4  705/59
4  713/168
4  713/200
3  235/380
3  380/201
3  380/30
3  382/100
3  705/56
3  705/75
3  705/78
3  705/80
```

```
3   713/162
3   713/167
3   713/182
3   713/193
3   713/201
2   358/1.18
2   380/28
2   705/27
2   705/30
2   705/37
2   705/50
2   705/52
2   705/54
2   713/156
2   713/164
2   713/165
2   713/181
2   713/2
```

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09651901 on May 31, 2005

9 705/51   (4 OR, 5 XR)
        Class   705 : DATA PROCESSING: FINANCIAL, BUSINESS
                          PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/50   BUSINESS PROCESSING USING CRYPTOGRAPHY
        705/51   .Usage protection of distributed data files

7 713/176   (3 OR, 4 XR)
        Class   713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                          SYSTEMS: SUPPORT
        713/150   MULTIPLE COMPUTER COMMUNICATION USING
                             CRYPTOGRAPHY
        713/168   .Particular communication authentication
                             technique
        713/176   ..Authentication by digital signature
                             representation or digital watermark

6 705/1   (2 OR, 4 XR)
        Class   705 : DATA PROCESSING: FINANCIAL, BUSINESS
                          PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/1   AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
                             PRACTICE OR MANAGEMENT ARRANGEMENT

6 705/53   (2 OR, 4 XR)
        Class   705 : DATA PROCESSING: FINANCIAL, BUSINESS
                          PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/50   BUSINESS PROCESSING USING CRYPTOGRAPHY
        705/51   .Usage protection of distributed data files
        705/52   ..Usage or charge determination
        705/53   ...Including third party for collecting or
                             distributing payment (e.g., clearinghouse)

6 705/57   (1 OR, 5 XR)
        Class   705 : DATA PROCESSING: FINANCIAL, BUSINESS
                          PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/50   BUSINESS PROCESSING USING CRYPTOGRAPHY
        705/51   .Usage protection of distributed data files
        705/57   ..Copy protection or prevention

5 705/26   (0 OR, 5 XR)
        Class   705 : DATA PROCESSING: FINANCIAL, BUSINESS
                          PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/1   AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
                             PRACTICE OR MANAGEMENT ARRANGEMENT
        705/26   .Electronic shopping (e.g., remote ordering)

4 705/59   (2 OR, 2 XR)
        Class   705 : DATA PROCESSING: FINANCIAL, BUSINESS
                          PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/50   BUSINESS PROCESSING USING CRYPTOGRAPHY
        705/51   .Usage protection of distributed data files
        705/59   ..Licensing

4 713/168   (3 OR, 1 XR)
        Class   713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                          SYSTEMS: SUPPORT
        713/150   MULTIPLE COMPUTER COMMUNICATION USING
                             CRYPTOGRAPHY
        713/168   .Particular communication authentication
                             technique

```
4  713/200      (0 OR, 4 XR)
        Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                          SYSTEMS:  SUPPORT
        713/200         SECURITY

3  235/380      (1 OR, 2 XR)
        Class   235 :  REGISTERS
        235/375         SYSTEMS CONTROLLED BY DATA BEARING RECORDS
        235/380         .Credit or identification card systems

3  380/201      (1 OR, 2 XR)
        Class   380 :  CRYPTOGRAPHY
        380/200         VIDEO CRYPTOGRAPHY
        380/201         .Copy protection or prevention

3  380/30       (0 OR, 3 XR)
        Class   380 :  CRYPTOGRAPHY
        380/28          PARTICULAR ALGORITHMIC FUNCTION ENCODING
        380/30          .Public key

3  382/100      (2 OR, 1 XR)
        Class   382 :  IMAGE ANALYSIS
        382/100         APPLICATIONS

3  705/56       (0 OR, 3 XR)
        Class   705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                          PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/50          BUSINESS PROCESSING USING CRYPTOGRAPHY
        705/51          .Usage protection of distributed data files
        705/55          ..Requiring a supplemental attachment or input
                          (e.g., dongle) to open
        705/56          ...Specific computer ID (e.g., serial number,
                          configuration, etc.)

3  705/75       (0 OR, 3 XR)
        Class   705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                          PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/50          BUSINESS PROCESSING USING CRYPTOGRAPHY
        705/64          .Secure transaction (e.g., EFT/POS)
        705/75          ..Transaction verification

3  705/78       (1 OR, 2 XR)
        Class   705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                          PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/50          BUSINESS PROCESSING USING CRYPTOGRAPHY
        705/64          .Secure transaction (e.g., EFT/POS)
        705/77          ..Including remote charge determination or
                          related payment system
        705/78          ...Including third party

3  705/80       (1 OR, 2 XR)
        Class   705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                          PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/80          ELECTRONIC NEGOTIATION

3  713/162      (0 OR, 3 XR)
        Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                          SYSTEMS:  SUPPORT
        713/150         MULTIPLE COMPUTER COMMUNICATION USING
                          CRYPTOGRAPHY
        713/162         .Having particular address related cryptography
```

3 713/167   (2 OR, 1 XR)
        Class   713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: SUPPORT
        713/150   MULTIPLE COMPUTER COMMUNICATION USING
                        CRYPTOGRAPHY
        713/164   .Security kernel or utility
        713/167   ..Object protection

3 713/182   (0 OR, 3 XR)
        Class   713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: SUPPORT
        713/182   SYSTEM ACCESS CONTROL BASED ON USER
                        IDENTIFICATION BY CRYPTOGRAPHY

3 713/193   (0 OR, 3 XR)
        Class   713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: SUPPORT
        713/189   DATA PROCESSING PROTECTION USING CRYPTOGRAPHY

        713/193   .By stored data protection

3 713/201   (1 OR, 2 XR)
        Class   713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: SUPPORT
        713/200   SECURITY
        713/201   .Computer network

2 358/1.18   (2 OR, 0 XR)
        Class   358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

        358/1.1   STATIC PRESENTATION PROCESSING (E.G.,
                        PROCESSING DATA FOR PRINTER, ETC.)
        358/1.18   .Detail of image placement or content

2 380/28   (0 OR, 2 XR)
        Class   380 : CRYPTOGRAPHY
        380/28   PARTICULAR ALGORITHMIC FUNCTION ENCODING

2 705/27   (0 OR, 2 XR)
        Class   705 : DATA PROCESSING: FINANCIAL, BUSINESS
                        PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/1   AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
                        PRACTICE OR MANAGEMENT ARRANGEMENT
        705/26   .Electronic shopping (e.g., remote ordering)
        705/27   ..Presentation of image or description of sales
                        item (e.g., electronic catalog browsing)

2 705/30   (1 OR, 1 XR)
        Class   705 : DATA PROCESSING: FINANCIAL, BUSINESS
                        PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/1   AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
                        PRACTICE OR MANAGEMENT ARRANGEMENT
        705/30   .Accounting

2 705/37   (0 OR, 2 XR)
        Class   705 : DATA PROCESSING: FINANCIAL, BUSINESS
                        PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/1   AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
                        PRACTICE OR MANAGEMENT ARRANGEMENT
        705/35   .Finance (e.g., banking, investment or credit)

        705/37   ..Trading, matching, or bidding

```
2  705/50        (0 OR, 2 XR)
        Class   705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                           PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/50             BUSINESS PROCESSING USING CRYPTOGRAPHY

2  705/52        (0 OR, 2 XR)
        Class   705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                           PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/50             BUSINESS PROCESSING USING CRYPTOGRAPHY
        705/51             .Usage protection of distributed data files
        705/52             ..Usage or charge determination

2  705/54        (0 OR, 2 XR)
        Class   705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                           PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/50             BUSINESS PROCESSING USING CRYPTOGRAPHY
        705/51             .Usage protection of distributed data files
        705/52             ..Usage or charge determination
        705/54             ...Adding plural layers of rights or
                               limitations by other than the original producer

2  713/156       (1 OR, 1 XR)
        Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                           SYSTEMS:  SUPPORT
        713/150            MULTIPLE COMPUTER COMMUNICATION USING
                               CRYPTOGRAPHY
        713/155            .Central trusted authority provides computer
                               authentication
        713/156            ..By certificate

2  713/164       (0 OR, 2 XR)
        Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                           SYSTEMS:  SUPPORT
        713/150            MULTIPLE COMPUTER COMMUNICATION USING
                               CRYPTOGRAPHY
        713/164            .Security kernel or utility

2  713/165       (0 OR, 2 XR)
        Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                           SYSTEMS:  SUPPORT
        713/150            MULTIPLE COMPUTER COMMUNICATION USING
                               CRYPTOGRAPHY
        713/164            .Security kernel or utility
        713/165            ..File protection

2  713/181       (0 OR, 2 XR)
        Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                           SYSTEMS:  SUPPORT
        713/150            MULTIPLE COMPUTER COMMUNICATION USING
                               CRYPTOGRAPHY
        713/168            .Particular communication authentication
                               technique
        713/181            ..Message digest travels with message

2  713/2         (1 OR, 1 XR)
        Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                           SYSTEMS:  SUPPORT
        713/1              DIGITAL DATA PROCESSING SYSTEM INITIALIZATION
                               OR CONFIGURATION (E.G., INITIALIZING, SET UP,
                               CONFIGURATION, OR RESETTING)
        713/2              .Loading initialization program (e.g., booting,
                               rebooting, warm booting, remote booting, BIOS, initial
```